

MISSOURI

2022 RECYCLING REPORT



*Shepherd of the Hills State Park near Branson

FROM THE DIRECTOR



Greetings,

I am honored to present our annual report for fiscal year 2022.

In accordance with RSMo 34.031, the Office of Administration is submitting the annual report to summarize Missouri state government's accomplishments in the areas of recycling, waste reduction, and recycled content product procurement.

State law directs state agencies to implement policies for recycling, waste reduction, and procurement of recycled content products. The Missouri State Recycling Program, administered by the Office of Administration, Division of General Services, is responsible for assisting state agencies in these areas. The State Recycling Program works cooperatively with the Missouri Interagency Recycling Committee (MIRC) to facilitate recycling and waste reduction by state team members.



As a result of the efforts of state team members and MIRC, we continue to develop the state's recycling collection infrastructure. State team members continue to reduce the amount of waste generated at state facilities and the related costs of waste disposal. Recycling and waste reduction highlights from FY22 include:

- **9,842,010** pounds of materials recycled.
- Energy saved from pounds of material recycled is equivalent to the annual energy consumption of **2,114** homes.
- **\$6,947,372** of recycled-content products purchased.
- **\$196,710** in revenue generated for the recycling fund.
- **\$380,689** in waste disposal costs avoided.*

We appreciate the support of the Administration and the General Assembly in our recycling efforts.

Resourcefully,

A handwritten signature in black ink that reads "Crystal Wessing". The signature is fluid and cursive.

Crystal Wessing

ABOUT THE STATE RECYCLING PROGRAM



In 1989, the Missouri State Recycling Program (MSRP) was established when legislation added sections 34.031 and 34.032 to Chapter 34 of the Missouri Revised Statutes. The MSRP partners with state team members and agencies to facilitate fiscally and environmentally responsible strategies for reuse and recycling of state property.

About the Program

- The MSRP is staffed by the recycling manager and supported by the Missouri Interagency Recycling Committee (MIRC), as well as a large number of team member volunteers.
- MIRC serves an important purpose by providing input on recycling initiatives and communicating with state team members. The recycling committee is composed of representatives from various state departments (executive, judicial, and legislative). The list can be found on the [MSRP website](#).
- State team members are key to the success of the recycling program. Thanks to their efforts, thousands of pounds of material are recycled each day.



ABOVE: Team members at General Services Suite 760 help clean out the offices before the area received a much needed renovation during summer, 2022.



TOP LEFT: The Missouri State Recycling Program and the Missouri Department of Natural Resources teamed up for America Recycles Day once again on November 14.

LEFT: Former recycling manager Rob Didriksen collects cardboard at the State fair.

RECYCLING CHAMPIONS

2022 Recycling Champions: Recognizing Those Who Go Above and Beyond

The Missouri State Recycling Program (MSRP) annually recognizes state agencies and team members for their outstanding contributions in the areas of waste reduction and recycling.

Department of Elementary & Secondary Education—Mighty Movers

In fiscal year 2022 (FY22), the **Department of Elementary and Secondary Education (DESE)** started the tremendous task of cleaning the basement of the Jefferson Building in preparation for heating, ventilation, and air conditioning (HVAC) renovation. DESE formed the **Mighty Movers** team and partnered with MSRP for project assistance. Throughout the Jefferson Building's basement cleanout project, the Mighty Movers communicated with all DESE team members about coordinated clean-up dates and how materials should be organized. These communication efforts were key to maximizing the amount of material that was ultimately reused or recycled.



ABOVE: (L-R) David Tramel, Shelley Woods, Marcia Patridge, Bryan Howard, Jake King, Margie Hagenhoff, Amy Halderman, and Michelle Graziano.

Missouri Lottery—Jay Mueller

Jay Mueller was concerned about the volume of cardboard thrown in the dumpster at the **Missouri Lottery Distribution Center**. Knowing that landfilling recyclable material was bad for the environment, Jay took on the project of setting up a standardized recycling process. Each week, he gathers the



cardboard, and loads it into a pickup truck. It is then taken to New World Recycling to be recycled. Jay is a prime example of team members seeing a need and stepping up to fill in the gap, even if it falls outside of their job responsibilities.

LEFT: (L-R) Dave Meyer (Lottery), Stephanie Woodruff (OA) Jay Mueller (Lottery), Sylvia Bonner (OA), Jacinda Thudium (OA).

STATE AGENCY RECYCLING



Pounds Recycled by Material

METAL
3,551,877

PAPER
3,111,829

CARDBOARD
1,781,857

Recycled Products Purchased

METAL PRODUCTS
\$3,400,778

PAPER PRODUCTS
\$2,399,307

OFFICE SUPPLIES
\$391,905

Pounds Recycled by Department

TRANSPORTATION
3,344,910

CORRECTIONS
2,105,777

REVENUE
583,147

Financial Stats

\$6,947,372: Total spent by state agencies on products made from recycled materials.

\$380,689: Avoided cost of waste disposal due to recycling.

\$301,553: Avoided cost of office supplies and equipment exchanged through MOREuse.

Environmental Savings

(from Recycling 9,842,010 Pounds of Various Materials)

Green House Gas Reductions Equivalent to ...

Annual emissions from **4,020**
passenger vehicles

OR

2,130,532 gallons of gasoline
not used

OR

788,918 cylinders of propane
for home BBQs not used

Energy Savings Equivalent to ...

Annual energy consumption of
2,114 homes

OR

33,334 barrels of oil

OR

1,607,855 gallons of gasoline*

Environmental Savings were calculated using the Environmental Protection Agency's Waste Reduction Model (WARM). For additional information please see <https://www.epa.gov/warm>.

*Energy savings from materials recycled is equivalent to 16% of annual state fuel consumption.

AGENCY ACCOMPLISHMENTS



Discarded Paint Finds New Life

One goal of manufacturing recycled paint is to prevent old paint from showing up at household hazardous waste collections, which can be expensive.

"Paint is one of the most expensive products for local household hazardous waste programs to manage," Lisa McDaniel of the Mid-America Regional Council's Solid Waste Management District (MARC) said. "Supporting the collection of old paint to be made into recycled paint has the potential to relieve local governments and taxpayers of that financial burden while also supporting a vibrant paint recycling system in Missouri."

MARC, along with Missouri Department of Natural Resources, recently partnered on a project to use recycled paint at the Missouri State Parks central warehouse at Lake of the Ozarks. It featured paint donated by recycled paint manufacturers GDB International and Amazon Paint.

RIGHT: The Missouri State Parks South and Statewide construction crews agreed to provide the needed labor to power wash and paint the warehouse buildings. The project began in May and went well, despite a lot of rain. Daryn Ruble, Missouri State Parks, South Construction Unit, sprays rustic brown paint on the Missouri State Parks Central Warehouse.



Box Re-use Program Saves Thousands of Dollars

For the past 20 years, OA Document Solutions (ODS) and the State Data Center (SDC) have worked to develop a "closed loop" box reuse program. Using this method, boxes of printed letters from the SDC are shipped to ODS for processing. The boxes are then returned to SDC for reuse. More than 100 boxes are returned to the SDC for reuse each week, with a yearly cost-avoidance of more than \$5,200.

"OA Document Solutions is always interested in ways we can recycle and reuse products, and the box reuse program is a longstanding success story for us. Saving \$5,000 a year may not seem like a lot of money, but it adds up over time," OA Document Solutions Manager Jessica Cadell said. "ODS also offers the option to our customers to print on recycled paper products. We recently instituted recycling programs for used printer cartridges, as well as cans and bottles. Every little bit we can do to close the loop helps."

REDUCTION & REUSE



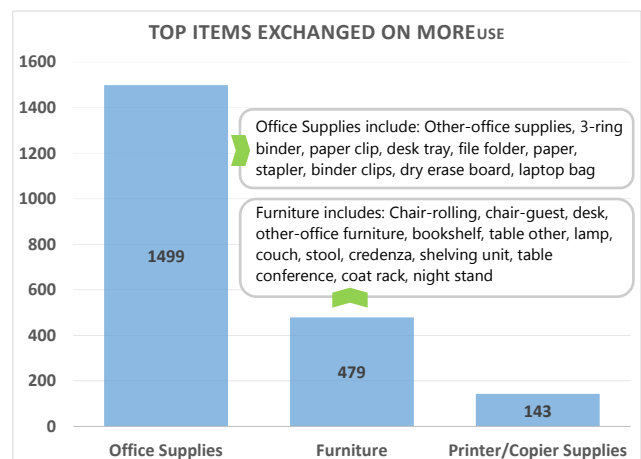
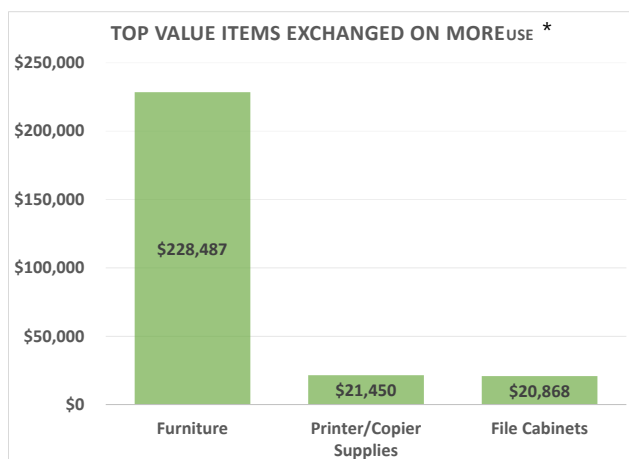
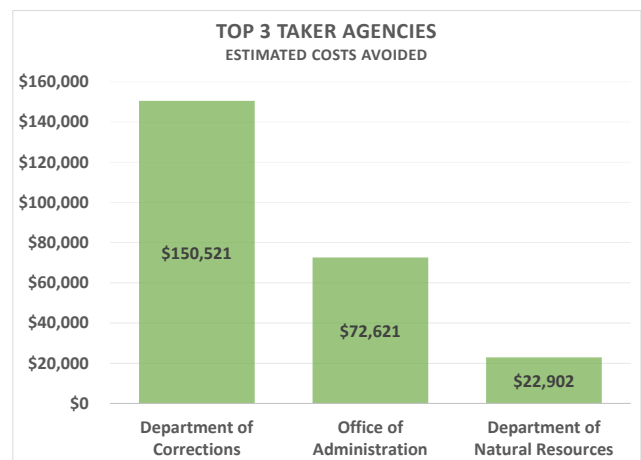
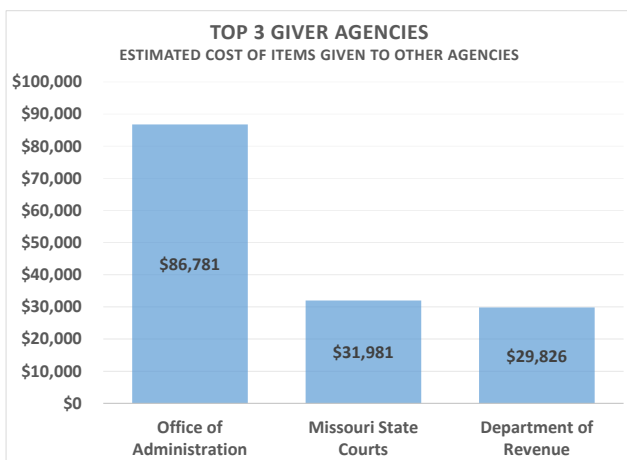
Promoting a Culture of Reuse

MOREuse is a web-based application that facilitates the reuse and recycling of state property.

More than 605 team members used MOREuse in fiscal year 2022 (FY22) to advertise items available to other state agencies or to search for items their agency may need. Property exchanged (at no cost) includes anything from paper clips and three-ring binders to office chairs. State agencies avoided spending an estimated \$301,553 by acquiring property through the MOREuse system instead of purchasing new property.

The MOREuse community is made up of givers (agencies with unneeded property) and takers (agencies that need the property). Property posted or exchanged on MOREuse is for state agency use only.

Data appearing in the charts below may also be viewed in Tableau. For example, data for all agencies that used MOREuse may be viewed. [Click here](#) to have an interactive experience with the data.



*Data displayed in the above chart not available in Tableau

STATE RECYCLING FUND

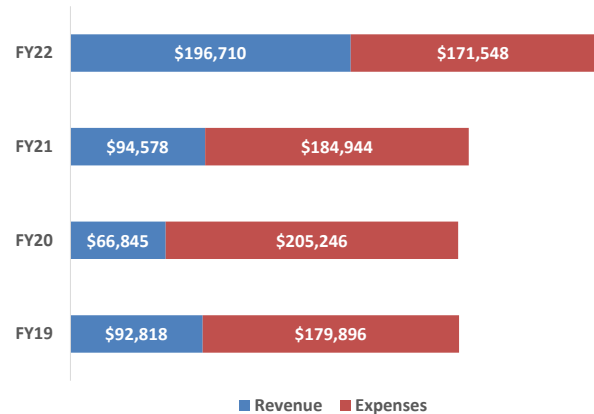


Missouri's State Recycling Fund was established by RSMo 34.032, which states, "proceeds from the sale of recycled materials may be used to offset costs of the recycling program." Additionally, all funds deposited into the state recycling fund are dedicated to recycling-related expenses for state government.

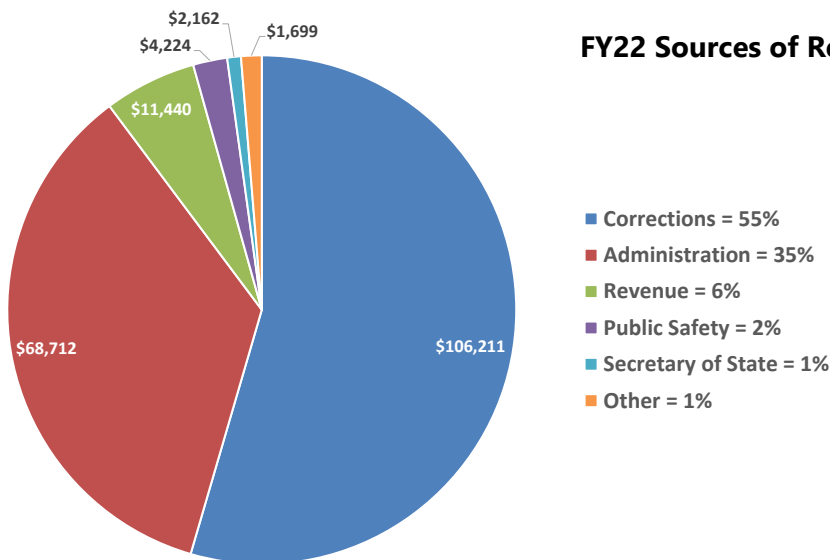
FY22 saw a noticeable increase in deposits to the state recycling fund for a total of \$196,710. This was due to strong scrap material markets and a significant increase in recycling efforts by Department of Corrections and the Office of Administration.

A newly designed paper recycling survey used by state agencies in Jefferson City resulted in a more efficient collection of paper and cardboard. This generated a decrease to our FY22 hauling costs by 65 percent compared to FY21 hauling costs.

FY22 Financial Summary



FY22 Sources of Revenue



Contributions to the Heating Assistance Program (Utilicare)

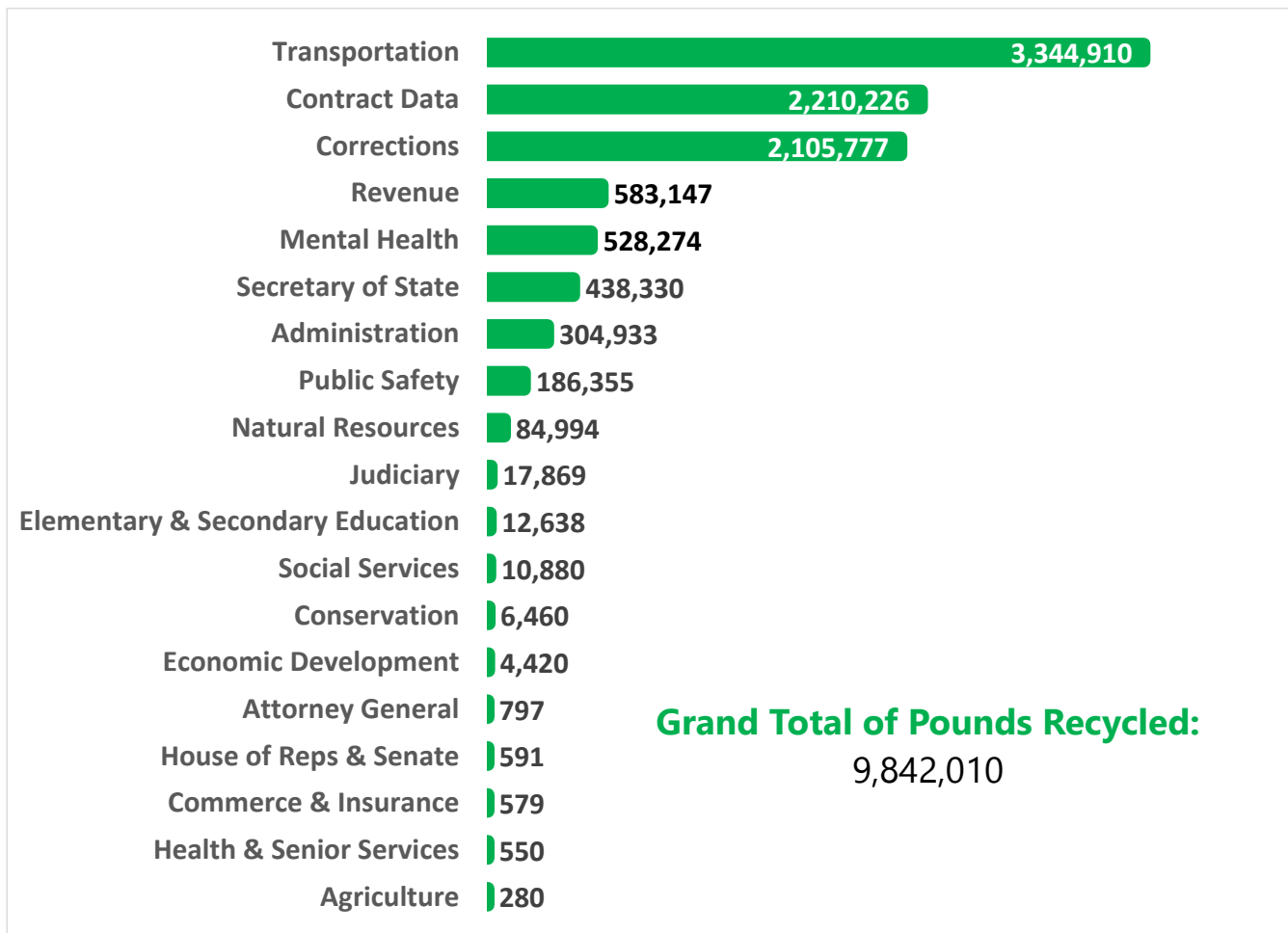
Excess revenues from the sale of recyclable materials are transferred to the Heating Assistance Program (HAP) managed by the Missouri Department of Social Services pursuant to RSMo 34.032. The HAP, also known as Utilicare, provides financial assistance to low-income Missourians for heating their homes during winter months. As a result of state team member recycling efforts, a \$30,000 contribution to the HAP was made in FY22, which will help approximately 150 Missouri households pay energy bills.

TOTAL POUNDS RECYCLED BY AGENCY



View Recycling Data in Tableau

The data appearing in the chart below may also be viewed in Tableau. Tableau provides a way to interact with the recycling data — including “gallons” and “number of items” recycled data. For example, more detailed information about different types of materials recycled by each agency can be viewed. [Click here](#) to have an interactive experience with the data.



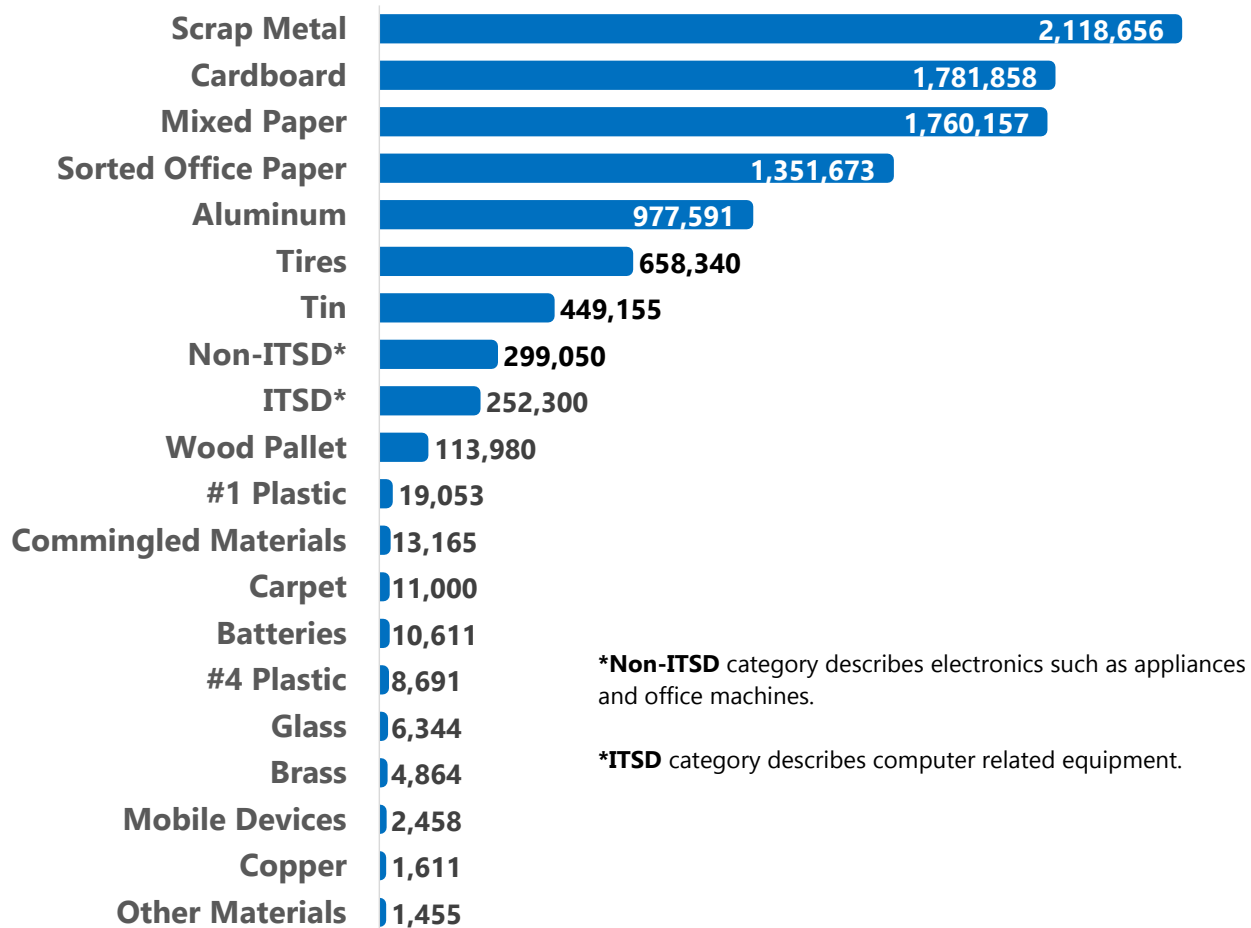
Agencies that utilized a recycling contract, but do not appear in this table, include: **Higher Education & Workforce Development, Labor & Industrial Relations, Environmental Improvement Energy Resources Authority, Lottery, Tax Commission, MCHCP, MOSERS, Governor’s Office, Lt. Governor’s Office, Auditor, and Treasurer.** Amounts of materials recycled by these agencies are included in the total for “Contract Data”.

TOTAL POUNDS RECYCLED BY MATERIAL



View Recycling Data in Tableau

The data appearing in the chart below may also be viewed in Tableau. Tableau provides a way to interact with the recycling data — including “gallons” and “number of items” recycled data. [Click here](#) to have an interactive experience with the data.



Missouri State
Recycling Program

Office of Administration | General Services | 573-751-3384



RECYCLING RESOURCES

Missouri State Recycling Program

Office of Administration | Division of General Services

Internet: <http://oa.mo.gov/general-services/missouri-state-recycling-program>

Email: recycling@oa.mo.gov

Phone: 573-751-3384

The Missouri State Recycling Program partners with state employees and agencies to facilitate fiscally and environmentally responsible strategies for reuse and recycling of state property.

State Recycling Contracts

Local Contracts: <https://genserv.oa.mo.gov/state-recycling-program/recycling-services-contracts>

Statewide Contracts: <https://genserv.oa.mo.gov/state-recycling-program/statewide-recycling-services>

MOREuse

Office of Administration | Division of General Services | State Surplus Property

Internet: <https://genserv.oa.mo.gov/state-recycling-program/moreuse>

MOREuse is a web-based application that facilitates the reuse and recycling of state property. Any state team member is eligible to use this system. The system is made of “givers” those who have property they no longer need and “takers” those who have a need for a desk, a chair, paper clips or numerous other possibilities. There are training videos on the MOREuse website.

Missouri Recycling Association

Internet: www.mora.org

Phone: (573) 491-4255

The Missouri Recycling Association (MORA) is a statewide organization advocating for recycling in the state. MORA connects people from public and private organizations, offers industry insights, and strives to influence policy to support Missouri’s economy and businesses by extracting the highest and best use of materials at end of life.

Missouri Vocational Enterprises (MVE)

Missouri Department of Corrections

Internet: <http://www.doc.mo.gov/mve>

Phone: 800-392-8486 or 573-751-6663

The Department of Corrections vocational training program offers the following products and services that meet “buy recycled” criteria. MVE products and services are only available to state agencies and other tax-supported entities.

MVE Recycled Products & Services

- Cardboard boxes: 65 percent post-consumer content
- Metal products: 25 percent post-consumer content
- Toilet paper: 100 percent recycled material
- Envelopes: 20 percent post-consumer content
- Recycled Plastic
 - * Picnic Tables
 - * Park benches

MVE Recycling/Remanufacturing/Refurbishing Services

Toner Cartridge Refill Service

573-751-3224 ext. 1260

Furniture & Office Panel (cubicle)

Refurbishing

573-751-6663 or 800-392-8486



RECYCLING RESOURCES

Questions or comments regarding this report may be directed to the State Recycling Manager.

Stephanie Woodruff | 573.751.3384 | Stephanie.Woodruff@oa.mo.gov

State of Missouri | Office of Administration | Division of General Services
301 W. High Street, P.O. Box 809 | Jefferson City, MO 65102-0809
genserv.oa.mo.gov/missouri-state-recycling-program